

LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

LINCOLN COUNTY SAND & GRAVEL, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of
sand & gravel in the state of Missouri. The extent of the

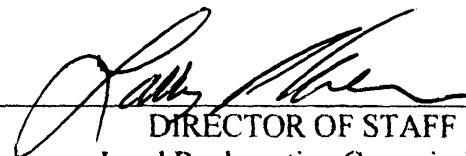
Proposed mining operation(s) will be on 21 acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Lincoln	USS 524	48N	02E	21	0	21	Site #1	0711

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 3rd day of September 2004



DIRECTOR OF STAFF
Land Reclamation Commission

Permit No. 0739
Effective Date 09/18/2004
Expiration Date 09/17/2005

MO 780-1122 (6-95)

RECEIVED

AUG 16 2004



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND

P.O. BOX 176
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL LINCOLN County SAND AND GRAVEL		RECLAMATION COMMISSION STATE 8 12 04	
ADDRESS 8 JEFFERSON AVE.	CITY Valley Park	STATE MO.	ZIP CODE 63088
CONTACT PERSON KEVIN JAMES		TELEPHONE NUMBER 636 225 7820 314 568 9962	

FEES: COMPLETE SECTION I OR SECTION II**SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:**

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1. LINCOLN County S+G Site 1	Jan, Feb, <u>Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec</u>	\$ 300
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$

TOTAL SITE FEE **\$3**2. Acreage Fee \$5 X **21** number of acres bonded **\$105**3. Annual Permit Fee **\$500**4. Total Fee (Add totals from 1, 2 and 3) **\$905**NOTE: If Total Fee exceeds \$2,500.00 then pay only **\$2,500****SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:**1. Annual Permit Fee **\$300**

SIGNATURE OF APPLICANT Kevin M. James		TITLE Pres	DATE 8 12 04
Appeared before me this 12th day of August , 20 04 , Kevin M. James to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF Missouri	COUNTY (OR CITY OF ST. LOUIS) Lincoln	
	SUBSCRIBED AND SWORN BEFORE ME, THIS 12th DAY OF Aug. , YEAR 2004		
	NOTARY PUBLIC SIGNATURE Sandra K. Parr	MY COMMISSION EXPIRES 6/4/05	USE RUBBER STAMP IN CLEAR AREA BELOW. SANDRA K. PARR Notary Public-Notary Seal State of Missouri Lincoln County My Commission Expires Jun 4, 2005
	NOTARY PUBLIC NAME (TYPED OR PRINTED) Sandra K. Parr		
FOR DEPARTMENT USE ONLY: APPROVED BY [Signature]	DATE APPROVED 8-30-04	PERMIT NUMBER 0739	EXPIRATION DATE 7-17-05



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
SITE INFORMATION FORM

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <i>LINCON CO. SAND + GRAVEL INC. #1</i>		PERMIT NUMBER
COMPANY NAME <i>LINCON CO. SAND + GRAVEL INC. #1</i>		
COUNTY <i>LINCON</i>	1/4 SECTION	SECTION <i>USS 524</i>
TOWNSHIP <i>48N</i>	RANGE <i>2E</i>	ACRES <i>1521</i>
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <i>—</i>		
MINERAL COMMODITY <i>SAND + GRAVEL</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <i>10,000 tons/year</i>

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>Wehde FARMS INC.</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <i>7-8-98</i>
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <i>SAME</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE):		DATE OF AGREEMENT <i>7-8-98</i>
<input checked="" type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES
LAND RECLAMATION COMMISSION
MINE PLAN

P.O. BOX 176
JEFFERSON CITY, MO 65102

TYPE OF PLAN (CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

COMPANY NAME LINCON CO. SAND & GRAVEL INC.

☒ LONG TERM, FOR PERIOD THROUGH DATE: 8/1/2023

DESCRIPTION OF SITE PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING SOIL, VEGETATION AND TOPOGRAPHY.

SANDY GRAVEL AND WEEDS LINE THE PIT AREA
TO THE WEST BOUNDARY IS INDUSTRIAL THERE ARE 10 ACRES ON THE
WEST SIDE OF THE PERMIT THAT WERE MINED PRIOR TO 1972

OPERATION PLAN - 10 CSR 40-10.020(2)(D)1.

A. TOPSOIL

AVERAGE DEPTH OF TOPSOIL, PRIOR TO LAND RECLAMATION COMMISSION PERMITTING

1'-10' INCHES

IS TOPSOIL TO BE SOLD OR DISCARDED OFFSITE?

☒ YES OR ☐ NO

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL REMOVAL

SCRAPER AND EXCAVATOR

DESCRIBE METHODS AND EQUIPMENT USED FOR TOPSOIL STORAGE AND PROTECTION

THE SCRAPER WILL DEPOSIT THE SOIL IN STOCK PILES NEAR THE PIT
AREA THE STOCK PILES + BERM WILL BE SHAPED AND SEEDED WITH GRASSES
TO PROTECT EROSION OR AS A PERIMETER BERM

B. SPOIL

DESCRIBE METHODS AND LOCATION OF SPOIL PLACEMENT AND DISPOSAL

over Burden removed will be used For The Burn And
LAND reclamation

C. ACID MATERIALS

DESCRIBE METHODS AND EQUIPMENT USED FOR HANDLING ACID MATERIALS (IF NONE IS ANTICIPATED, WRITE "NONE" BELOW)

NONE

D. PIT INFORMATION (GIVE ALL DIMENSIONS IN FEET)

DESCRIBE LOCATION AND ORIENTATION OF PIT, IF NOT CLEAR ON SITE MAPS

YES NO

☐☒

Will any excavation be at or within fifty feet (50') of the right-of-way of any public road?

☐☒

Will any highwall consisting of unconsolidated materials be left within fifty feet of the right-of-way of any public road? (NOTE: For unconsolidated materials left in place, a slope of no more than forty degrees may start near the right of way, and in no case may the excavation be closer to the right of way than fifty feet or twenty-five feet plus one and one-half (1-½) times the depth of unconsolidated material, whichever is greater, unless a variance is granted by the Commission.)

☒☐

Will any excavation start at or within fifty feet (50') of any property line?
(NOTE: If the answer is "yes", a safety barrier may be needed.)

RECLAMATION PLAN - 10 CSR 40-10.020(2)(D)2.

A. REVEGETATION (Attach additional sheets, if needed)

REVEGETATION MIX #1

PURPOSE OR LAND USE

WILD LIFE

B. SEEDING OR PLANTING TIME

MARCH 15 - MAY 15 / AUG 1 - OCT 1

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

during the FIRST SPRING FOLLOWING TOP SOIL REPLACEMENT the seed mix will be broadcast and harrowed After grasses have grown sufficient to control erosion trees or shrubs will be hand planted

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE
Orchard grass	10	Silver Maple	2
Timothy	8	PIN OAK	2
Brome	10	HAZELNUT	100
Korean Lespedeza	10		
Red clover	2		

REVEGETATION MIX #2

PURPOSE OR LAND USE

B. SEEDING OR PLANTING TIME

DESCRIBE METHODS AND EQUIPMENT TO BE USED FOR SEEDING OR PLANTING

Lime and fertilizer will be applied according to recommendations made, based on an analysis of soil texture and nutrients. Mulch will be applied to all slopes exceeding 5:1.

SEEDED SPECIES	POUNDS/ACRE	TREE OR SHRUB SPECIES	STEMS/ACRE

ATTACH ADDITIONAL SHEETS FOR ADDITIONAL SEED MIXES.

B. GRADING

DESCRIBE PROPOSED RECLAIMED TOPOGRAPHY, INCLUDING SLOPES

All Spoil Areas will be graded to slopes traversable by farm machinery
A lake will be constructed in the Final Pit Area. The lake will be designed and constructed to meet SCS standards

C. DESCRIBE THE GENERAL SEQUENCE AND TIMING OF THE FOLLOWING ACTIVITIES**GRADING**

grading will be done as the pit advances and the spoil is placed in the mounded out portions. Final grading will be completed within 1 year of areas becoming inactive

REPLACEMENT OF TOPSOIL

The soil will be replaced within 12 months of areas becoming inactive

REVEGETATION

All top soil area will be seeded during the first optimum seeding period following top soil replacement

AVERAGE DEPTH OF REPLACED TOPSOIL (INCHES)

12"

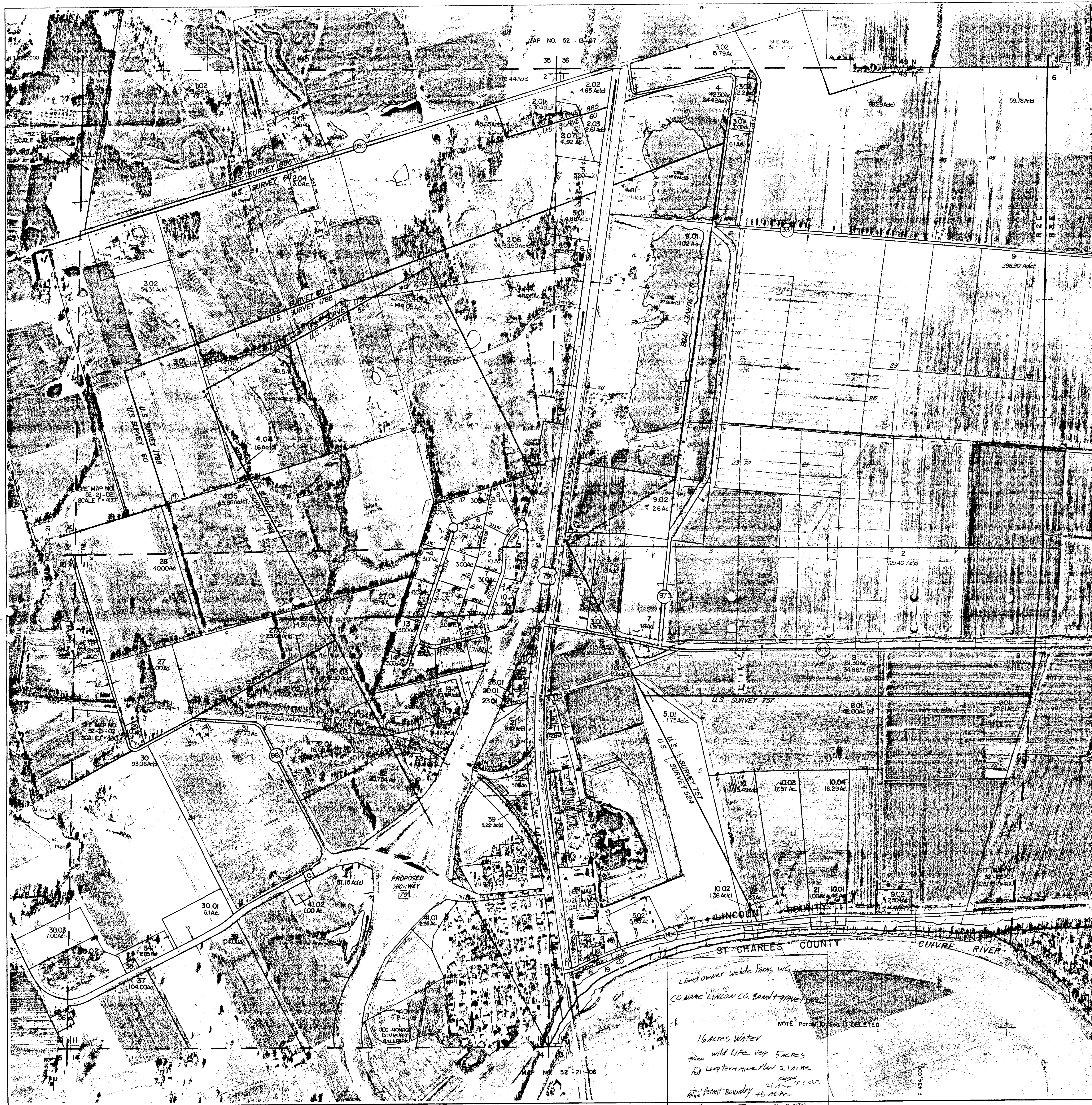
D. USE OF LAND WHEN RECLAIMED

Estimate acreage of each land use below, after reclamation	ESTIMATED ACRES:
Wildlife (forest or other habitat with livestock excluded)	5
Agricultural (pasture, cropland, and horticultural)	
Development (residential, industrial, and recreational)	
Water impoundments (for wildlife, agricultural, or development)	16

By my signature, I attest to the following:

1. All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
2. I or the company I am authorized to represent intend(s) to mine in accordance with this Mine Plan Form, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
3. I have obtained the approval of all landowner's for all proposed post-reclamation land uses.
4. I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no such right, I have attached signed affidavits from the landowners, granting such access.

SIGNATURE OF APPLICANT <i>Kern M. Jones</i>		TITLE <i>Pres</i>	DATE <i>7 27 98</i>
NOTARY PUBLIC EMBOSSEER SEAL	STATE <i>Missouri</i>	COUNTY (OR CITY OF ST. LOUIS) <i>Cole</i>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <i>27th</i> DAY OF <i>July</i> 19 <i>98</i>		
	NOTARY PUBLIC SIGNATURE <i>Shirley L. Grantham</i> NOTARY PUBLIC NAME (TYPED OR PRINTED) <i>Shirley L. Grantham</i>	MY COMMISSION EXPIRES <i>2/7/99</i>	USE RUBBER STAMP IN CLEAR AREA BELOW SHIRLEY L. GRANTHAM NOTARY PUBLIC STATE OF MISSOURI COUNTY OF COLE MY COMMISSION EXPIRES: FEBRUARY 7, 1999
APPROVED BY (DIRECTOR'S REPRESENTATIVE) <i>Robert B. ...</i>		DATE APPROVED <i>9-17-98</i>	PERMIT NUMBER <i>0737</i>







OWNERSHIP MAP
LINCOLN COUNTY, MISSOURI
STATE TAX COMMISSION OF MISSOURI
LINCOLN COUNTY TAX ASSESSOR
FOOT & COLE CONSULTING ENGINEERS

[illegible]

THIS PROPERTY OWNERSHIP MAP IS FOR
TAX PURPOSES ONLY. IT IS NOT
INTENDED FOR CONVEYANCES.

LEGEND

STATE LINE	AREA (FROM DEED)	10 5/4
SECTION LINE	AREA (CALCULATED)	10 5/4 ac
CORPORATION LINE	DIMENSION (FROM DEED)	16 5/8
DISTRICT LINE	DIMENSION (FROM DEED)	66' 1/2
4 1/2 LINES	SUBDIVISION LOT NUMBER	23
SECTION LINE	PARCEL NUMBER	45
PROPERTY LINE	WATER	
ORIGINAL LOT LINE	INTERSTATE HIGHWAY	
LAND HOOK	U.S. HIGHWAY	
ORIGINAL BLOCK NO. ②	COUNTY HIGHWAY	
ORIGINAL BLK. LIMIT 2' 03"	STATE HIGHWAY	
MAP BLOCK NO. 2013	ROADS, STREETS, CHURCHES,	
MAP BLOCK LIMIT 00' 03"	ETC.	
(WHERE APPLICABLE) 00' 04"	SECTION CORNERS	BY NAME 1/1 1/2

TOWNSHIP LOCATION
R.1W : R1W : R1E : R2E : R3E

P1W R1W R1W R1E R2E R3E
 5 4 3 2
 6 7 8 9 10 11
 17 16 15 14 13 12
 18 19 20 21 22 23

MAP SHEET INDEX

6	5	4	3	2	1
3			2		1
7	8	9	10	11	12
18	17	16	15	14	13
4			5		6
19	20	21	22	23	24
30	29	28	27	26	25
9			8		7
31	32	33	34	35	36

WINFIELD R-4

SEC. 1, 2, 11, 12 TWP. 48 N RGE. 2E

MAP NO 52 - 21 - 0!

DATE: _____

SCALE: 400'

DATE OF PHOTOGRAPHY: MAY 14, 1981
AERIAL PHOTO NO: 10 40

PHOTOGRAMMETRY BY: SURDEX
" 112-21-1

